



polyphosphate, sodium polyphosphate, riboflavin potassium phosphate and riboflavin sodium phosphate.

Claim 5 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is at least one selected from a group consisting of potassium sulfate, sodium sulfate, potassium sulfite, sodium sulfite, potassium thiosulfate, sodium thiosulfate, potassium dodecyl sulfate, sodium dodecyl sulfate, potassium dodecylbenzensulfonate, sodium dodecylbenzenesulfonate, Food Blue No.1., Food Yellow No.5., potassium ascorbyl sulfate and sodium ascorbyl sulfate.

Claim 6 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is potassium tetraborate or sodium tetraborate.

Claim 7 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is potassium silicate or sodium silicate.

Claim 8 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is potassium tungstate or sodium tungstate.

Claim 9 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is at least one selected from a group consisting of potassium acetate, sodium acetate, potassium benzoate, sodium benzoate, potassium ascorbate, sodium ascorbate, potassium stearate and sodium stearate.

Claim 10 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is potassium nitrate or sodium nitrate.

Claim 11 (original): The method for forming a compact from a powder according to claim 3, wherein the lubricant is at least one of potassium carbonate, sodium carbonate, potassium hydrogen carbonate and sodium hydrogen carbonate.

Claim 12 (canceled).

Claim 13 (currently amended): The method for forming a compact from a powder according to claim 1 ~~2 to 12~~, wherein said solution ~~is the one in which~~ has said lubricant ~~is completely dissolved in water so as to have a concentration greater than or equal to a concentration defined by one molecule of the lubricant forming the thickness of the~~ at which the thickness of a crystallized layer is formed by one molecule of the lubricant, but less than a concentration of a saturated solution.

Claim 14 (currently amended): The method for forming a compact from a powder according to claim 13, wherein the lubricant is a potassium salt or a sodium salt.

Claim 15 (currently amended): The method for forming a compact from a powder set forth in claim 1 ~~one of claims 2 to 14~~, wherein an antiseptic substance is added into the lubricant.

Claim 16 (currently amended): The method for forming a compact from a powder set forth in claim 1 ~~one of claims 2 to 15~~, wherein a defoaming agent is added into the lubricant.

Claim 17 (currently amended): The method for forming a compact from a powder set forth in claim 1 ~~one of claims 2 to 16~~, wherein soluble solvent is added into the lubricant.

Claim 18 (original): The method for forming a compact from a powder according to claim 17, wherein said solvent is alcohol or ketone.

Claim 19 (currently amended): The method for forming a compact from a powder according to ~~claim 1-claims 2 to 18~~, wherein no halogen element is included in the lubricant.

Claim 20 (currently amended): A mold apparatus for powder molding, comprising:  
a mold body with a through-hole for forming a side of a compact;  
a lower punch ~~to be fitted~~ for fitting into the through-hole from beneath;  
an upper punch ~~to be fitted~~ for fitting into the through-hole from above;  
a spray pump ~~from which~~ for spraying a lubricant solution ~~is sprayed~~ to the through-hole;  
a heater provided around a forming portion of the mold body, the forming portion being defined by the through-hole and the lower punch; and  
a temperature control system for keeping a temperature of the heater higher than an evaporating temperature of the solution.

Claim 21 (currently amended): A mold apparatus for powder molding, comprising:  
a mold body with a through-hole for forming a side of a compact;  
a lower punch ~~to be fitted~~ for fitting into the through-hole from beneath;  
an upper punch ~~to be fitted~~ for fitting into the through-hole from above;  
a spray pump ~~from which~~ for spraying a lubricant solution ~~is sprayed~~ to the through-hole;  
a heater provided around a forming portion of the mold body, the forming portion being defined by the through-hole and the lower punch; and  
a temperature control system for keeping a temperature of the heater higher than an evaporating temperature of the solution, but lower than a melting temperature of the lubricant.